

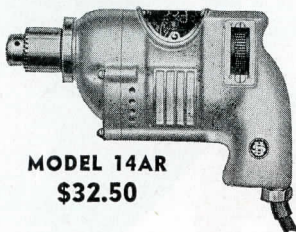


UNITED STATES ELECTRIC TOOLS

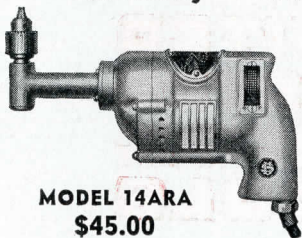
The UNITED STATES ELECTRICAL TOOL Co.
CINCINNATI, OHIO, U. S. A.

CATALOG NO. 54

A. SCHNEIDER HARDWARE CO.
535 - 32nd St.
Union City, N. J.

**1/4" AERO ELECTRIC DRILL****Ball Bearing — Permanently Lubricated****MODEL 14AR
\$32.50**

For continuous production service. 3-jaw chuck. 10 ft. 3-wire cable and plug. Speed 2500 R. P. M. Length 7 1/2". Weight 2 3/4 lbs. Universal motor, operates on A. C. or D. C. Special speeds 3250, 1900 or 700 R. P. M. at \$5.00 extra.

1/4" RIGHT ANGLE ELECTRIC DRILL**Ball Bearing — Permanently Lubricated****MODEL 14ARA
\$45.00**

Right angle feature of the Model 14ARA is not interchangeable with the above Model 14AR. 3-jaw chuck. 10 feet 3-wire cable and plug. Speed 2500 R. P. M. Length 9 1/2". Weight 4 1/4 lbs. Universal motor will operate on A. C. or D. C.

1/4" HIGH-SPEED ELECTRIC DRILL**Ball Bearing — Permanently Lubricated****MODEL 14SH
\$40.00**

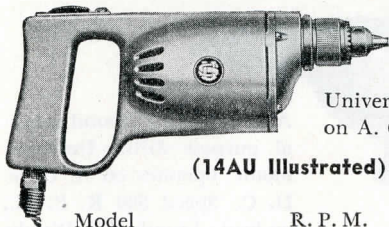
Side handle trigger switch with lock. 3-jaw chuck. 3-wire cable and plug. Speed 3000 R. P. M. Length 7 1/2". Weight 4 1/2 lbs. Universal motor, will operate on A. C. or D. C.

Keyless Chuck for Above Drills, \$2.00 Extra



1/4", 5/16", 3/8" ELECTRIC DRILLS

Ball Bearing — Permanently Lubricated



Universal motor, operates on A. C. or D. C.

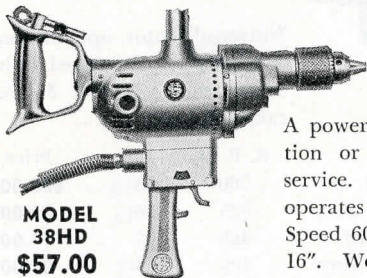
(14AU Illustrated)

	Model	R. P. M.	Lbs.	Price
14AU	1/4" Automatic	2000	4	\$19.95
14RG	1/4" Regular	2200	5 3/4	32.50
14HD	1/4" Heavy Duty	1600	7 3/4	45.00
516	5/16" Heavy Duty	1250	8	50.00
38SP	3/8" Special	700	9	53.00

Equipped with 3-jaw chuck. 10 feet 3-wire cable and plug. Keyless chuck \$2.00 extra. Special speeds of 550, 750, 1000 R. P. M. \$5.00 additional.

3/8" HEAVY DUTY ELECTRIC DRILL

Ball Bearing — Permanently Lubricated



**MODEL
38HD
\$57.00**

A powerful drill for production or heavy maintenance service. Universal motor, operates on A. C. or D. C. Speed 600 R. P. M. Length 16". Weight 13 lbs.

Equipped with 3-jaw chuck, 15 feet 3-wire cable and plug.

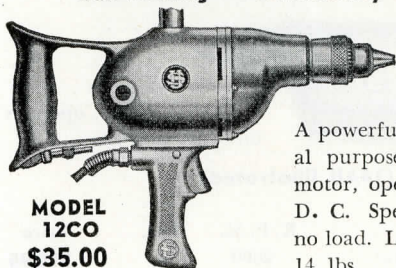
Drill stands see page 6



UNITED STATES

1/2" COMMANDER ELECTRIC DRILL

Ball Bearing — Permanently Lubricated



**MODEL
12CO
\$35.00**

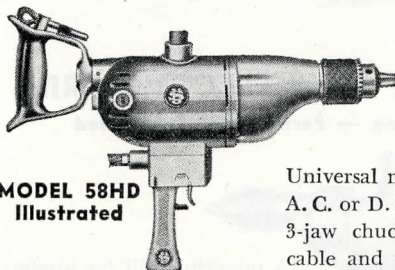
A powerful all around general purpose drill. Universal motor, operates on A. C. or D. C. Speed 500 R. P. M., no load. Length 16". Weight 14 lbs.

Equipped with 3-jaw chuck, 15 feet 3-wire cable and plug.

Drill stands see page 6

1/2", 5/8", 3/4" ELECTRIC DRILLS

Ball Bearing — Permanently Lubricated



**MODEL 58HD
Illustrated**

Universal motor, operates on A. C. or D. C. Equipped with 3-jaw chuck, 15 feet 3-wire cable and plug.

Model		R. P. M.	Lbs.	Price
12SP	1/2" Special	700	14 1/2	\$58.00
12HD	1/2" Heavy Duty	425	16 1/2	68.00
58SD	5/8" Standard	425	17	74.00
58HD	5/8" Heavy Duty	400	23 1/2	83.00
34HD	3/4" Heavy Duty	400	25 1/2	90.00

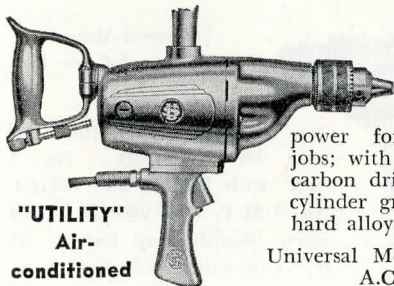
Drill stands see page 6

ELECTRICAL TOOLS



HIGH TORQUE ELECTRIC DRILLS

Ball Bearing — Permanently Lubricated



"UTILITY"

**Air-
conditioned**

Popular priced large size drills with enough power for tough drilling jobs; with spindle speed for carbon drill bits, hole saws, cylinder grinders and hones, hard alloy metals, etc.

Universal Motor, Operates on A.C. or D.C.

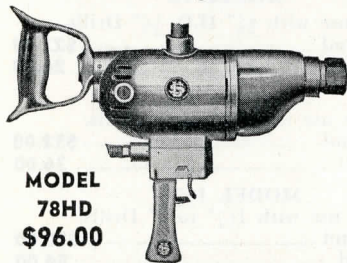
3-jaw Chuck furnished on $\frac{5}{8}$ " and $\frac{3}{4}$ "; No. 3 Morse Taper furnished on $\frac{7}{8}$ ". 15 ft. 3-wire cable and plug.

Model	Capacity	R. P. M.	Lbs.	Price
1230	$\frac{5}{8}$ "	300	17½	\$60.00
1240	$\frac{3}{4}$ "	250	19	68.00
1250	$\frac{7}{8}$ "	200	18	73.00

Drill stands see page 6

$\frac{7}{8}$ " HEAVY DUTY ELECTRIC DRILL

Ball Bearing — Permanently Lubricated



**MODEL
78HD
\$96.00**

Motor universal, operates on A. C. or D. C. Equipped with No. 3 Morse Taper socket. 15 feet 3-wire cable and plug.

Speed 400 R. P. M.
Length 18". Weight
24 lbs.

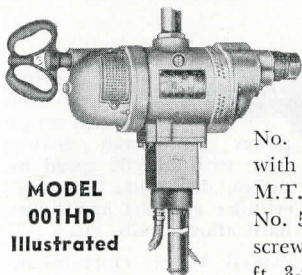
Drill stands see page 6



UNITED STATES

1", 1 1/4", 1 1/2", 2" ELECTRIC DRILLS

Ball Bearing — Permanently Lubricated



**MODEL
001HD
Illustrated**

Universal Motor
Operates on A.C. or D.C.

No. 3 Morse Taper furnished with Model 001HD. No. 4 M.T. with 114HD, and 112HD, No. 5 M.T. with 200HD. Feed screw, double grip handle, 15 ft. 3-wire cable and plug.

Model	Capacity	R. P. M.	Lbs.	Price
001HD	1" Heavy Duty	300	48	\$115.00
114HD	1 1/4" Heavy Duty	280	70	165.00
112HD	1 1/2" Heavy Duty	200	73	240.00
200HD	2" Heavy Duty	150	85	260.00

BENCH AND POST DRILL STANDS

MODEL Q

For use with 1/4", 5/16" and 3/8" Special Drills.

Bench Stand	\$14.00
Post Stand	18.00

MODEL 1B

For use with 3/8" H.D. 1/2" Drills.

Bench Stand	\$22.00
Post Stand	26.00

MODEL 1 1/2

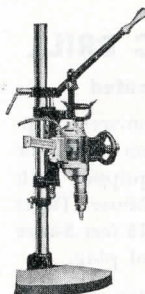
For use with 1/2" to 1" Drills.

Bench Stand	\$32.00
Post Stand	36.00

MODEL 1 1/2A

For use with 1 1/4" to 2" Drills.

Bench Stand	\$50.00
Post Stand	54.00



**MODEL 1B
Bench Stand
Illustrated**

ELECTRICAL TOOLS



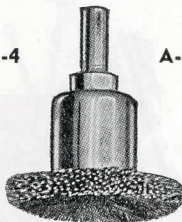
ROTARY CARBON CLEANING BRUSHES



A-2



A-4



A-5

Specifications

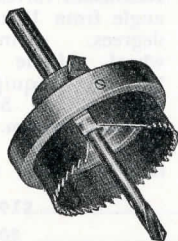
No.	Dia.	Size Shank	Price
A-2	1 1/8"	1/4"	\$1.15
A-4	7/8"	1/4"	1.50
A-5	1 1/2"	1/4"	1.50

VALVE GUIDE CLEANING BRUSHES—\$1.00



Specify
Dia.
Wanted

ROTARY HACK SAWS



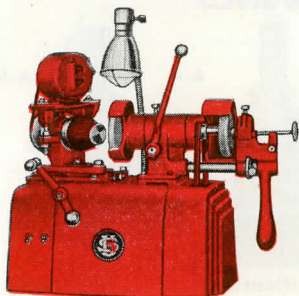
Type PS Single Cut

Size	Price Complete	Price Replacement Blades	Size	Price Complete	Price Replacement Blades
3/4"	\$1.74	\$0.42	2 1/4"	2.70	.42
7/8"	1.80	.42	2 3/8"	2.70	.54
1"	1.86	.42	2 1/2"	3.00	.54
1 1/8"	1.86	.42	2 5/8"	3.00	.54
			2 3/4"	3.00	.54
			2 7/8"	3.00	.54
			3"	3.00	.66
			1 1/4"	1.98	.42
			1 5/16"	1.98	.42
			1 3/8"	1.98	.42
			1 1/2"	1.98	.42
			1 5/8"	1.98	.42
			1 3/4"	2.10	.42
			1 7/8"	2.40	.42
			2"	2.40	.42
			2 1/8"	2.70	.42



VALVE REFINISHING MACHINES

MODEL VR6

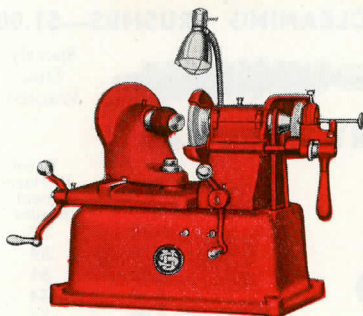


Two motors—one motor driving grinding wheel and one driving chuck spindle.

Refinishes valves any angle from 30 to 60 degrees. Ball bearing wheel spindle. Six point contact chuck.

Model VR6, Capacity $\frac{1}{8}$ " to $\frac{9}{16}$ "	\$145.00
Model VR6, Capacity $\frac{1}{8}$ " to $\frac{5}{8}$ "	160.00

MODEL VR7



Equipped with two motors, one motor driving grinding wheel and one driving chuck spindle. Refinishes valves any angle from 15 to 90 degrees. Grinding wheel spindle ball bearing. Equipped with U. S. Super chucking system. Six point gripping contact. Floating stop.

Model VR7, Capacity $\frac{1}{8}$ " to $\frac{5}{8}$ "	\$190.00
Model VR7, Capacity $\frac{1}{16}$ " to $\frac{3}{4}$ "	200.00
Model VR7, Capacity $\frac{3}{8}$ " to 1"	205.00

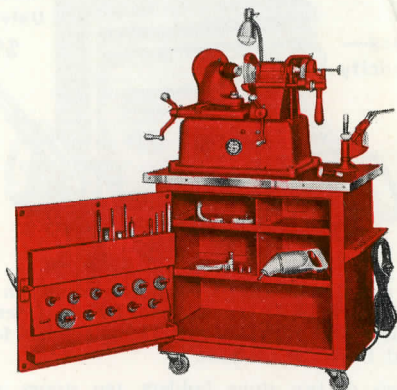
WET GRINDER—Same as above, equipped for wet and dry grinding, \$50.00 additional to above VR7 prices.

See your jobber for trade-in allowance on your old valve refacer.



VALVE REFINISHING SHOP

With VR6 or VR7 Refinishing Machine



The U. S. Valve Shop includes the following:

Refinishing Machine as selected—Cabinet with Wiring and Adjustable Lamp—High-Speed Driver—Valve Seat Stone Dresser.

- 7 45° Valve Seat Grinding Stones.
- 2 30° Valve Seat Grinding Stones.
- 1 20° Valve Seat Grinding Stone.
- 5 Adjustable Valve Seat Pilots.
- 2 Valve Seat Stone Holders.
- 2 Carbon Cleaning Brushes.
- 2 Valve Guide Cleaning Brushes.
- 1 Adjustable Valve Guide Cleaner.

Valve Shop with VR6 ($\frac{1}{8}$ " to $\frac{9}{16}$ ")	\$305.00
Valve Shop with VR6 ($\frac{1}{8}$ " to $\frac{5}{8}$ ")	320.00
Valve Shop with VR7 ($\frac{1}{8}$ " to $\frac{5}{8}$ ")	350.00
Valve Shop with VR7 ($\frac{1}{16}$ " to $\frac{3}{4}$ ")	365.00
Valve Shop with VR7 ($\frac{3}{8}$ " to 1")	370.00
Cabinet only	58.00

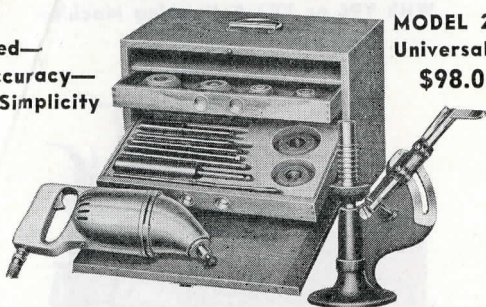
See your Jobber for trade-in allowance on your old valve refacer.



UNITED STATES

VALVE SEAT GRINDING SET

Speed—
Accuracy—
Simplicity

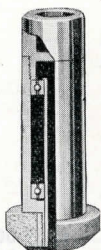


MODEL 2000
Universal Set
\$98.00

This set will quickly and accurately recondition any type valve seat. New High Speed Angle Driver is designed for heavy duty service and is also recommended for Diesel, truck and tractor valve jobs.

Set consists of two stone holders, ten stones (roughing and finishing, 20, 30, 45 degree) five self centering pilots, including Ford Model A and V-8, Diamond Wheel Dressing tool, box and 12,000 R.P.M. High Speed Angle Driver.

Ball Bearing Precision Stone Holder



Ball bearing precision stone holder can be furnished with Model 2000 Set. Ball bearing construction eliminates excess wear on holder and pilots. Price \$10.00 each. (If this holder is wanted in place of holder furnished with set deduct \$4.00 for each holder from price of set and add price of ball bearing holder.)

Extra Diamond (for wheel dresser) **\$3.00**
Valve Stones $1\frac{7}{16}$ " to 2" (Rough or Finish).... **2.00**
Valve Stones $2\frac{1}{8}$ " to $2\frac{1}{2}$ " (Rough or Finish) **2.50**
Valve Stones $2\frac{9}{16}$ " to 3" (Rough or Finish)..... **3.00**

U. S. No. SG23 Adjustable Valve Seat Pilots—\$4.00

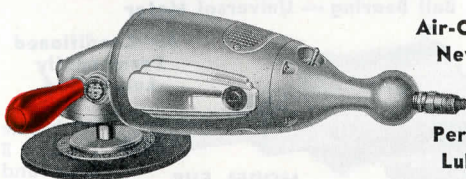


Pilots are made in eleven sizes (Expand $\frac{1}{32}$ of an inch)—
 $\frac{5}{16}$ ", $\frac{11}{32}$ ", $\frac{3}{8}$ ", $\frac{13}{32}$ ", $\frac{7}{16}$ ", $\frac{15}{32}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", Ford A and B, Ford V-8, Reo Short.

ELECTRICAL TOOLS



PORTABLE ELECTRIC SANDERS



**Air-Conditioned
New Design**

**Permanently
Lubricated**

	Model	R. P. M.	Lbs.	Price
SLD7	7" Light Duty	2700	11 $\frac{1}{4}$	\$39.50
SSD7	7" Standard	4200	13	53.00
SHD7	7" Heavy Duty	4200	15	75.00
SSD9	9" Standard	2700	15	78.00

Universal motor, operates on A.C. or D.C. Equipment furnished: one reversible disc pad, one each No. 16, 36 and 50 grit abrasive discs, 25 feet 3-wire cable and plug; spindle lock for holding spindle while changing pad or disc.

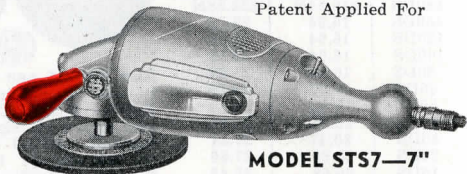
TWO-SPEED SANDER and POLISHER

Sanding — Polishing — Buffing

Patent Applied For

**Permanently
Lubricated**

**Air-
Conditioned**



**MODEL STS7—7"
\$67.00**

No Gears To Shift

Same design as above sanders, only equipped with U. S. Two-Speed Universal motor.

High speed for sanding, 4200 R.P.M. Low speed for polishing, 2000 R.P.M. Net weight, 13 $\frac{1}{2}$ lbs.

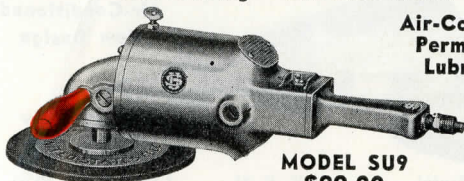
Equipment furnished: one reversible disc pad, one each No. 16, 36 and 50 grit abrasive discs, one lambs wool bonnet, felt rubbing pad, one spanner wrench, spindle lock for holding spindle while changing pad or discs, 25 feet 3-wire cable and plug.



UNITED STATES

PORTABLE ELECTRIC SURFACER

Ball Bearing — Universal Motor



**Air-Conditioned
Permanently
Lubricated**

With One
Pad, 3
Discs and
Cable.

**MODEL SU9
\$89.00**

Specify Group wanted and add to Surfer price

GROUP No. 1

6" Wire Cup Brush

With Spindle Extension

\$6.00

GROUP No. 2

6" Saucer Wheel

With Spindle Extension

\$9.00

GROUP No. 3

PLANER

HEADS

\$15.00

ACCESSORIES AND ATTACHMENTS

SANDING DISC PRICES

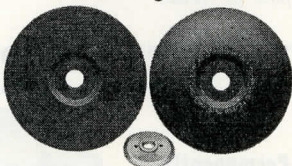
Grade DS for Metal.

Grade K-5 for Wood.

16-24-36-K5 for Removing Paint

GRADE	7" Per 100	9" Per 100
180DS	\$16.94N	\$22.58N
150DS	16.94	22.58
120DS	16.94	22.58
100DS	16.94	22.58
80DS	16.94	22.58
60DS	17.97	23.99
50DS	18.92	25.20
36DS	20.25	26.96
30DS	20.47	27.31
24DS	20.68	27.56
16DS	26.62	35.48
120-K5	16.94N	22.58N
80-K5	16.94	22.58
60-K5	17.97	23.99
50-K5	18.92	25.20
36-K5	20.25	26.96
24-K5	20.68	27.56
16-K5	26.62	35.48

**3-in-1 Flexible Rubber
Sanding Pad**



Flat side of pad shown on left is used for sanding and leveling flat surfaces. Curved side of pad shown on right is used for sanding curved surfaces and feather edging. Fits any U. S. Sander or Surfer. One holder nut for all sizes. Can be furnished for any make sander.

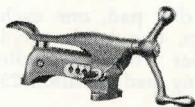
No. FE4 Pad holder nut.....\$0.50

No. FE5 5" pad 2.40

No. FE7 7" pad 3.20

No. FE9 9" pad 4.60

Standard equipment on all sanders, polishers and surfacers.



**No. 777
Disc
Trimmer
\$4.50**

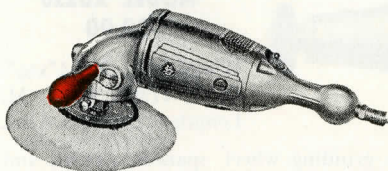
Cuts—9" down to 8"; 8" down to 7"; 7" down to 6"; 6" down to 5"; 5" down to 4". 1/2" or 7/8" hole. Extra cutter for disc trimmer, \$0.75.

ELECTRICAL TOOLS



PORTABLE ELECTRIC POLISHERS

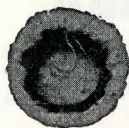
Air-Conditioned — Ball Bearing — Universal Motor



**Permanently
Lubricated**

Equipment: Disc pad, 2 lambs wool bonnets, 1 felt rubbing pad, spindle lock for holding spindle while changing pad, 25 feet 3-wire cable and plug.

PLD7	7"—Wt. 11	Lbs.—	\$52.00—1200 R.P.M.
PHD9	9"—Wt. 12½	Lbs.—	70.00—1200 R.P.M.

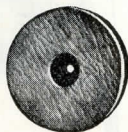


**Lamb's
Wool
Polishing
Bonnet**

7"—\$2.00
9"—\$2.50

**Felt
Polishing
Pad**

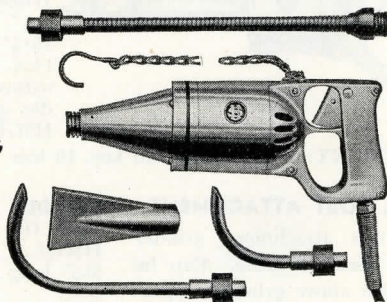
7"—\$1.50
9"—\$2.00



PORTABLE ELECTRIC HEAT GUN

Complete with Attachments — Universal Motor

**MODEL HG
\$33.50**



The U. S. Electric Heat Gun is a compact portable heat blowing unit with 1000-watt element giving maximum temperature of 450°. Operates on 110 volts, 60 cycles or less. 15 feet 3-wire rubber covered cable.



UNITED STATES

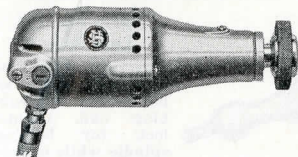
PORTABLE ELECTRIC DIE GRINDERS

Ball Bearing

Universal Motor

MODEL AUZ20

\$30.00

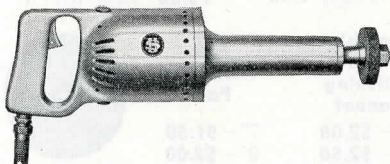


Wheel size $2" \times 1\frac{1}{4}" \times \frac{3}{8}"$
Speed 17,000 R. P. M.
Length 9". Weight 4 lbs.

EQUIPMENT: one grinding wheel, spanner wrench and 15 feet 3-wire cable.

MODEL HSG28

\$50.00

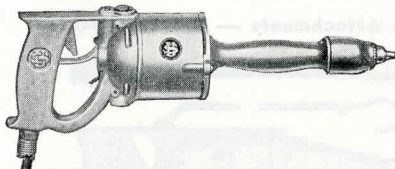


Wheel size $2\frac{1}{2}" \times 1\frac{1}{2}" \times \frac{1}{2}"$. Length $16\frac{1}{2}"$. Weight $8\frac{1}{4}$ lbs.

EQUIPMENT: one grinding wheel, 15 feet 3-wire cable.

MODEL HSG18

\$36.00



Wheel size $2" \times 1\frac{1}{4}" \times \frac{1}{4}"$. Length $15\frac{1}{2}"$. Weight $5\frac{5}{8}$ lbs. If wanted without back handle specify Model HSG18-X.

EQUIPMENT: 3 jaw chuck and key, 15 feet 3-wire cable.

TOOL POST ATTACHMENT

With this attachment grinder can be used on lathe. Can be used with above grinders. Specify type grinder with which attachment is to be used.

Price **\$3.50**

SPINDLE EXTENSION

Will fit AUZ20 and HSG28.

$3\frac{1}{2}"$ long **\$3.50**

COLLET TYPE CHUCK

$\frac{1}{4}"$ capacity. Will fit AUZ20 and HSG28.

Price **\$3.50**

ELECTRICAL TOOLS



PORTABLE ELECTRIC GRINDERS

Ball Bearing

**Universal
Motor**



**Permanently Lubricated
Air Conditioned**

Will operate on
D. C. or A. C., 25
to 60 cycles, single
phase.

Model	Wheel Size	H.P.	R.P.M.	Lbs.	Price
OUB	4"x1"x5/8"	1/3	5600	16	\$ 62.00
OBU	5"x1"x5/8"	1/2	4300	17	80.00
OU	6"x1"x5/8"	3/4	3700	18 1/2	100.00
OOU	8"x1"x5/8"	1	2800	19 1/2	120.00

Equipped with wheel guard, one grinding wheel, 25 feet cable and plug. Suspension spring furnished with model OOU.



**Alternating
Current**

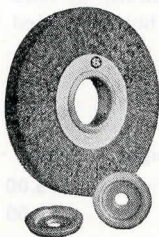
3-Phase Only

220 volt, 50 or 60 cycle, 3-phase alternating current. Can be used on 440 volts with portable dry transformer.

Model	Wheel Size	H.P.	R.P.M.	Lbs.	Price
2505	6"x1"x5/8"	1	3600	23	\$ 90.00
2500	8"x1"x5/8"	1 1/2	3600	25	100.00

Equipped with wheel guard, one grinding wheel, suspension spring, 25 feet four conductor cable and plug.

WIRE WHEELS (Solid Type) No. 835



Dia.	Face	Ga.	Price
4"	3/4"	33	\$1.25
6"	1"	33	2.25
7"	1"	33	2.75
8"	1 1/2"	33	3.00
10"	1 3/4"	35	5.00
12"	2"	35	6.00

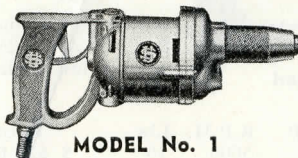
One pair adapters furnished with each wheel. Extra adapters 20c ea. Specify arbor hole size required.



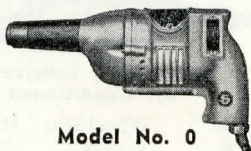
UNITED STATES

SCREWDRIVERS AND NUT RUNNERS

Ball Bearing



MODEL No. 1



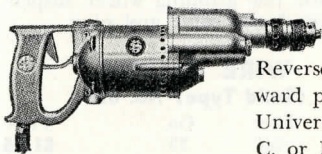
Model No. 0

Model	Capacity	Load Speed	Net Weight	Price
0	No. 12 Screws	550	4½	\$ 48.00
1	No. 12 Screws	450	7½	55.00
2	No. 16 Screws	450	8½	72.00
3	No. 20 Screws	175	14	94.00
4	Above No. 20 Screws	100	24	120.00

Designed for driving wood screws, machine screws, lag screws and for running on nuts. Equipped with positive clutch. Universal motor, operates on A. C. or D. C.

PORTABLE ELECTRIC TAPPER

Ball Bearing



Reverses automatically by backward pull when hole is tapped. Universal motor, operates on A. C. or D. C.

Model	Cap. in Iron	Cap. in Steel	Speed	Weight	Price
No. 1	$\frac{5}{16}$ " tap	$\frac{3}{16}$ " tap	200	7¾	\$75.00
No. 2	$\frac{3}{8}$ " tap	$\frac{1}{4}$ " tap	200	9	83.00

ELECTRICAL TOOLS



PORTABLE ELECTRIC SAWS

Ball Bearing — Universal Motor

Illustration of
8" Saw

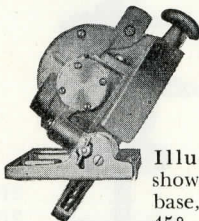
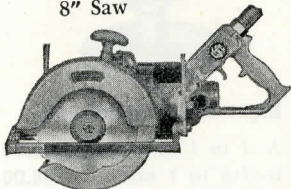


Illustration
shows tilting
base, 0 to
45°.

Automatic telescoping ball bearing safety guard protects worker in every working position. Adjustable foot base is quickly set for any depth from 0 to full capacity. Bevel cutting device is instantly adjusted to any angle from 0 to 45 degrees on the 6" and 7"; from 0 to 60 degrees on the 8" 9" 10" and 11" models.

Size	Depth of Cut	Speed R.P.M.	Weight Lbs.	Price
6"	1 $\frac{7}{8}$ "	3750	10 $\frac{1}{2}$	\$ 75.00
7"	2 $\frac{1}{8}$ "	4000	20	99.50
8"	2 $\frac{1}{2}$ "	5000	26 $\frac{1}{4}$	135.00
9"	3"	4400	26 $\frac{1}{2}$	150.00
10"	3 $\frac{1}{2}$ "	4200	29 $\frac{1}{4}$	165.00
11"	4"	4000	30 $\frac{1}{4}$	175.00

SAW BLADES

Dia.	Cross Cut	Rip	Comb.	Planer	Abras. Disc
6"	\$4.50	\$4.50	\$4.50	\$7.50	\$2.00
7"	5.00	5.00	5.00	8.50	2.50
8"	5.50	5.50	5.50	9.50	2.75
9"	6.50	6.50	6.50	10.00	3.50
10"	7.50	7.50	7.50	11.00	4.75
11"	8.00	8.00	8.00	12.00	5.50

Grooving or Dado Blades— $\frac{1}{8}$ "x6", \$5.80; $\frac{3}{16}$ "x6", \$6.90; $\frac{1}{4}$ "x6", \$9.90; $\frac{3}{8}$ "x6", \$20.60; $\frac{1}{2}$ "x6", \$24.55; $\frac{5}{8}$ "x6", \$29.90; $\frac{3}{4}$ "x6", \$35.00; $\frac{7}{8}$ "x6", \$42.50.

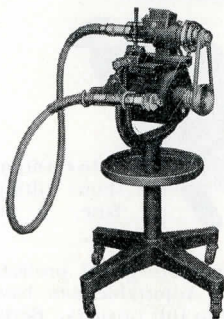
RADIAL ARM FOR ABOVE SAWS, \$78.00



UNITED STATES

FLEXIBLE SHAFT MACHINES

Ball Bearing — V-Belt Drive



Right Angle Handpiece

213-A—1 to 1 ratio.....	\$40.00
213-B—1½ to 1 ratio.....	45.00
213-C—2 to 1 ratio.....	45.00

Flexible Pad and Sanding Discs
see Page 12.

Four Speeds

950, 1250, 2400, 3600 R.P.M.

Model	H.P.	Shaft Length	Lbs. Net	Price
8700	¼	5½ ft.	115	\$135.00
8750	½	5½ ft.	155	174.00
8800	1	6½ ft.	195	221.00
8850	1½	7 ft.	225	240.00
8900	2	7 ft.	255	295.00

FORM FILING MACHINES

Ball Bearing — V-Belt

Same design as above only with Form Filing Handpiece,
Collet Type Chuck for use with Rotary Files.

Model	H.P.	Shaft Length	Lbs. Net	Price
*6450	⅛	45 in.	110	\$ 98.00
* (Bench mounting)				
7950	¼	5 ft.	115	130.00
7960	¼	5 ft.	115	130.00

Constant speed machine, prices on application.

Rotary file, prices on application.

Above prices for alternating current machines. Prices for
direct current on application.

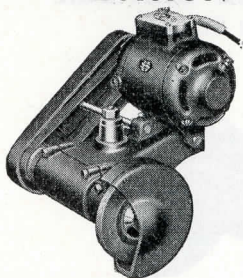
ELECTRICAL TOOLS



PRECISION LATHE GRINDERS

External and Internal Grinding

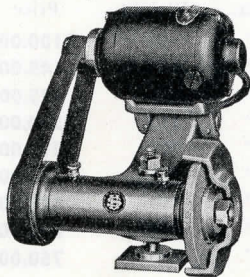
MODEL HLGE



For use with interchangeable internal and external grinding quills. Motor and quill spindles ball bearing. Air cleaner mounted in motor housing. Motor universal, operates on direct or alternating current. Four size pulleys. Speeds from 3500 to 30,000 R.P.M.

Model	H.P.	Wheel Size	Weight	Price
HLGE14	$\frac{1}{4}$	$\frac{1}{8}$ " to 4"	40	\$160.00
HLGE12	$\frac{1}{2}$	$\frac{1}{8}$ " to 5"	44	220.00
HLGE34	$\frac{3}{4}$	$\frac{1}{8}$ " to 6"	48	260.00

EQUIPMENT: 4 pulleys; 4 grinding wheels; 2 high speed fabric belts; wheel guard and belt guard; diamond dresser and metal carrying case. HLGE14 has one external quill; one $\frac{1}{8}$ " and one $\frac{1}{4}$ " collet chuck to be mounted with adapter on arbor of quill and one spindle extension. HLGE12 and HLGE34 furnished with one external quill and one internal quill. Complete specifications on grinders and quills furnished on request.



MODEL U15

$\frac{1}{4}$ H.P. **\$89.50**

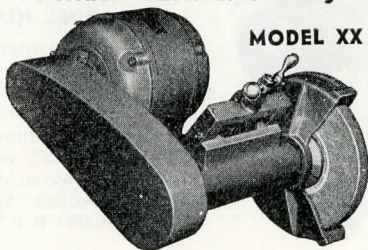
Model U15 designed for internal and external grinding. For internal grinding, spindle extension and collet type chuck (for mounted wheel) are mounted on main spindle. Speed range from 6800 R.P.M. to 38,500 R.P.M. Motor universal, operates on alternating or direct current.

EQUIPMENT: 5 pulleys; wheel guard; diamond dresser; one $\frac{1}{8}$ " collet chuck for mounted wheels; 3 mounted wheels with $\frac{1}{8}$ " shank; 1 with $\frac{1}{4}$ " shank; 1 spindle extension with flanges; 2" and 3" vitrified wheels; 2 high speed fabric belts; 3 wrenches; carrying case. Net Wt. 17 lbs.

**UNITED STATES**

PRECISION LATHE GRINDER

External — Internal Grinding



Prices include one external spindle and grinding wheel or one internal spindle and grinding wheel, belt guard, wheel guard, pulleys, belts and starter. Motor is not universal. $\frac{1}{4}$, $\frac{1}{2}$ and 1 H.P. sizes furnished for 110, 220 and 440 volts. Other sizes for 220 or 440 volts. Speeds from 1150 to 15,000 R.P.M. (according to size machine).

Model	H.P.	Wheel Size		Weight	Price
		Int.	Ext.		
XX0	$\frac{1}{4}$	$1\frac{1}{2}$	4"	40	\$100.00
XX1	$\frac{1}{2}$	$3\frac{1}{2}$	6"	85	145.00
XX2	1	4	8"	155	195.00
XX3	$1\frac{1}{2}$	4	8"	170	210.00
XX4	2	$4\frac{1}{2}$	10"	220	295.00
XX5	3	5	12"	280	350.00
XX6	5	6	14"	360	525.00
XX7	$7\frac{1}{2}$	—	18"	675	680.00
XX8	10	—	20"	800	750.00

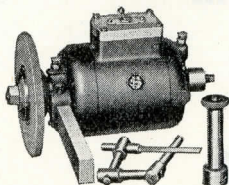
Above prices for alternating current. D.C. prices on application.

Complete specifications on grinders and special length internal quills furnished on request.

ELECTRICAL TOOLS

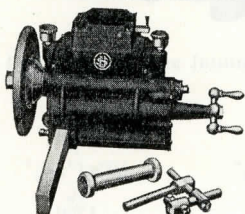


TOOL POST GRINDER



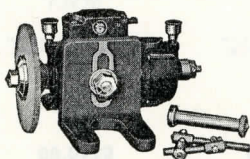
Model	RA	RRA
H.P.	$\frac{1}{4}$	$\frac{1}{2}$
Wheel	6"x $\frac{3}{8}$ "x $\frac{1}{2}$ "	8"x $\frac{3}{4}$ "x $\frac{5}{8}$ "
Speed	3450	3450
Weight	21	56
Price	\$60.00	\$90.00

Horizontal Feed Center Grinder



Model	HA	JHA
H.P.	$\frac{1}{4}$	$\frac{1}{2}$
Wheel	6"x $\frac{3}{8}$ "x $\frac{1}{2}$ "	8"x $\frac{3}{4}$ "x $\frac{5}{8}$ "
Speed	3450	3450
Weight	32	60
Feed	2 $\frac{3}{4}$ "	5 $\frac{1}{2}$ "
Price	\$75.00	\$100.00

ANGLE PLATE GRINDER



Model	HBA	HBBA
H.P.	$\frac{1}{4}$	$\frac{1}{2}$
Wheel	6"x $\frac{3}{8}$ "x $\frac{1}{2}$ "	8"x $\frac{3}{4}$ "x $\frac{5}{8}$ "
Speed	3450	3450
Weight	28	62
Price	\$70.00	\$95.00

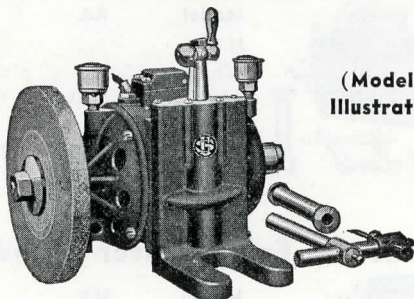
Above grinders equipped with split taper bronze bearings, internal grinding attachment, one internal and external wheel; cutter index; switch, cable and plug. Ball Bearings furnished no extra charge. Above prices for alternating current. D.C. prices on request.



UNITED STATES

ANGLE PLATE GRINDER

With Vertical Feed



(Model JA
Illustrated)

Can be furnished with both Horizontal and Vertical Feed at 20% additional.

Model	JA	JKA
H.P.	$\frac{1}{2}$	1
Wheel	8"x $\frac{3}{4}$ "x $\frac{5}{8}$ "	10"x1"x $\frac{7}{8}$ "
Dia. Spindle	$\frac{5}{8}$	$\frac{7}{8}$
Speed	3450	1750
Weight	65	97
Feed	3"	5"
Price	\$100.00	\$155.00
Model	MA	MMA
H.P.	2	3
Wheel	12"x1 $\frac{1}{4}$ "x $\frac{7}{8}$ "	14"x1 $\frac{1}{2}$ "x1 $\frac{1}{8}$ "
Dia. Spindle	$\frac{7}{8}$	1 $\frac{1}{8}$
Speed	1750	1750
Weight	125	210
Feed	5"	5"
Price	\$240.00	\$290.00

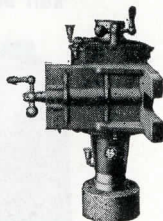
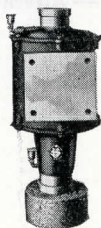
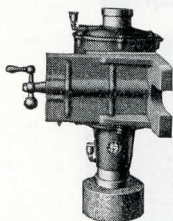
Equipped with split taper bronze bearings, internal grinding attachment, internal and external wheel, cutter index, switch, cable and plug. Wheel not furnished on MMA, but equipped with ball bearings. Internal attachment and cutter index furnished on Model JA only.

Above prices for alternating current. D.C. prices on application.

ELECTRICAL TOOLS



VERTICAL SPINDLE GRINDER



Angle plate mounting with horizontal or vertical screw feed 10 % additional.

Prices shown are for above grinder without slides.

Combination horizontal and vertical screw feed 20 % additional.

Model	H.P.	Wheel Size		Lbs.	Feed
		Cup	Straight		
AG1	1	5"x3 1/2"	8"x1"x7/8"	97	5"
AG2	2	5"x3 1/2"	8"x1 1/2"x7/8"	125	5"
AG3	3	5"x4"	8"x2"x1 1/8"	210	5"
AG4	5	10"x4"	12"x2"x1 1/4"	740	10"
AG5	7 1/2	10"x4"	14"x3"x1 1/2"	795	10"
AG10	10	16"x4"	18"x3"x2"	1030	10"
AG15	15	16"x4"	20"x3"x2"	1120	10"

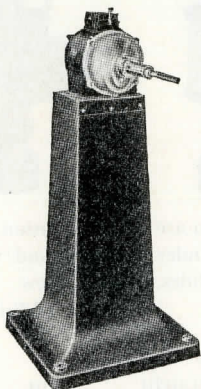
AG1.....	\$180.00
AG2.....	270.00
AG3.....	330.00
AG4.....	405.00
AG5.....	500.00
AG10.....	660.00
AG15.....	750.00

Above grinders furnished for 220, 440 or 550 volts, 2 or 3 phase, 25 to 60 cycles A.C. For other than 50 or 60 cycles increase price 10% net. D.C. prices on request. 1, 2 and 3 H.P. 3600 R.P.M., 5, 7 1/2 H.P. 1800 R.P.M., 10, 15 H.P. 1200 R.P.M.

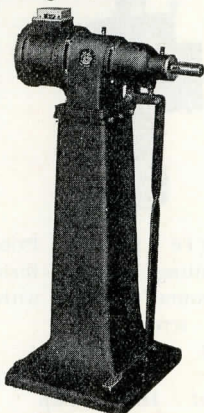


REAMER DRIVE

Ball Bearing — Alternating Current



MODEL 200



MODEL 205

Designed for polishing and lapping small parts, reaming, filing, countersinking and burring.

Speeds from 30 to 3600 R.P.M.

$\frac{1}{2}$ H.P. furnished with No. 2 Morse Taper.

1 H.P. furnished with No. 3 Morse Taper.

Model 205 equipped with built-in-clutch, furnished in pedestal type only.

Furnished for 110, 220, 440 volts, 25 to 60 cycles, 1, 2 or 3 phase. For other than 50 or 60 cycles increase price 10% net.

MODEL 200

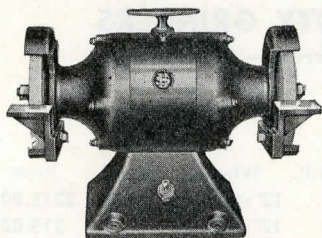
$\frac{1}{2}$ H.P.	Bench	\$ 97.00
$\frac{1}{2}$ H.P.	Pedestal	115.00
1 H.P.	Bench	135.00
1 H.P.	Pedestal	155.00

MODEL 205

$\frac{1}{2}$ H.P.	Pedestal	\$200.00
1 H.P.	Pedestal	240.00

4 jaw 4" universal chuck \$25.00 additional.

Specify speed wanted when ordering.

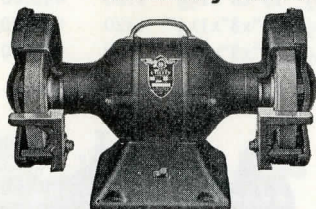


"SKIPPER" 6" BENCH GRINDER

Ball Bearing
For 50 or 60 cycle,
single phase,
alternating current only
110 Volt—\$22.50
220 Volt—\$24.00
Pedestal for Same
\$15.00 Extra

UTILITY BENCH GRINDERS

Alternating Current — Ball Bearing



6" \$25.00

7" 40.00

8" 60.00

Pedestal \$15.00
extra

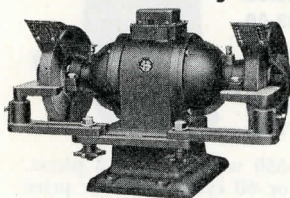
10" \$98.00

Pedestal \$26.00
extra

6" and 7" furnished for 110 or 220 volts, 25 to 60 cycle, 1, 2 or 3 phase. For 220 volts and other than 50 or 60 cycles, increase price 25% net. 8" and 10" furnished for 110, 220 or 440 volts, 25 to 60 cycles, 1, 2 or 3 phase. Other than 50 or 60 cycle increase price 10% net.

Heavy Duty Bench and Floor Grinders

Alternating Current — Ball Bearing



Bench Type

8"x 1"	1/2 H.P.	\$ 90.00
10"x 1"	1 H.P.	120.00
10"x1 1/4"	1 H.P.	145.00

Pedestal Type

8"x 1"	1/2 H.P.	\$110.00
10"x 1"	1 H.P.	140.00
10"x1 1/4"	1 H.P.	175.00

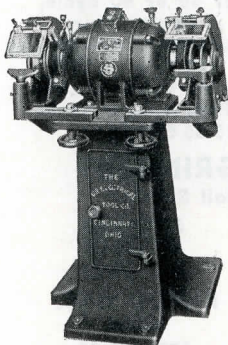
Furnished for 110, 220 or 440 volts, 25 to 60 cycle, 1, 2 or 3 phase. Other than 50 or 60 cycle, increase price 10% net. Direct current prices on Utility and Heavy Duty Grinders on request.



UNITED STATES

HEAVY DUTY GRINDERS

Alternating Current — Ball Bearing



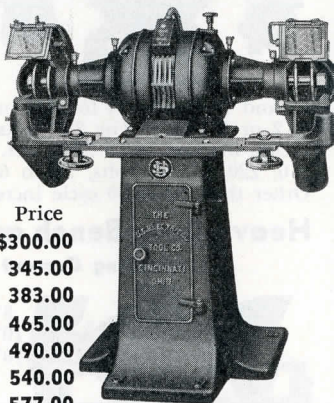
MODEL 10

H.P.	Wheel	Speed	Price
2	12"x2"x1 1/8"	1750	\$275.00
3	12"x3"x1 1/4"	1750	315.00
5	14"x3"x1 1/4"	1750	350.00
7 1/2	16"x3"x1 1/2"	1120	425.00
7 1/2	18"x3"x1 1/2"	1120	450.00
7 1/2	20"x3"x1 1/2"	1120	500.00
*7 1/2	20"x3"x1 1/2"	1750	530.00

MODEL 20

Wide Type

Four Ball Bearings



H.P.	Wheel	Speed	Price
2	12"x2"x1 1/8"	1750	\$300.00
3	12"x3"x1 1/4"	1750	345.00
5	14"x3"x1 1/4"	1750	383.00
7 1/2	16"x3"x1 1/2"	1120	465.00
7 1/2	18"x3"x1 1/2"	1120	490.00
7 1/2	20"x3"x1 1/2"	1120	540.00
*7 1/2	20"x3"x1 1/2"	1750	577.00

Furnished for 110, 220, 440 or 550 volts, 1, 2 or 3 phase, 25 to 60 cycles, other than 50 or 60 cycles increase price 10% net. Direct current prices on application. Grinders are built in accordance with Safety Code, American Engineering Standards Committee.

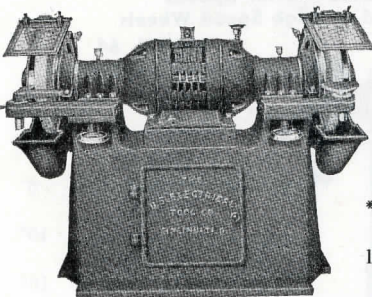
*For use with high speed wheels; specify bore required.

ELECTRICAL TOOLS



HEAVY DUTY SNAGGING GRINDERS

Four Ball Bearings
Vitrified or High Speed Wheels

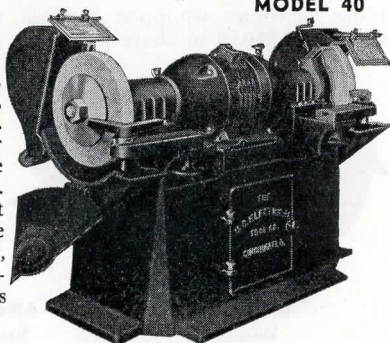


MODEL 30

Alternating Current

H.P.	Wheel	Price
7½	16"x3"x2"	\$545.00
7½	18"x3"x2"	575.00
7½	20"x3"x2"	630.00
(Above machines 1200 R.P.M.)		
*7½	20"x3"x2"	660.00
(1800 R.P.M.)		
10	24"x4"x2¼"	785.00
(900 R.P.M.)		

These grinders furnished for 220 440 or 550 volts. 2 or 3-phase, 25, 40, 50 or 60 cycles. Other than 50 or 60 cycles, increase price 10% net. Grinders are built in accordance with Safety Code, American Engineering Standards Committee.



MODEL 40

H.P.	Wheel	R.P.M.	Price
7½	18"x3"x2"	1120	\$ 640.00
7½	20"x3"x2"	1120	675.00
*7½	20"x3"x2"	1800	715.00
10	24"x4"x2¼"	850	850.00
15	24"x4¾"x2½"	850	969.00
20	30"x5"x3"	680	1305.00
*20	30"x3"x3"	1200	1400.00

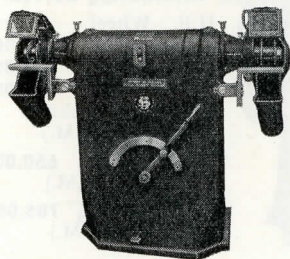
Model 40 prices for alternating current. D.C. prices on request.

*For use with high speed wheels; specify bore required.



ADJUSTABLE SPEED SNAGGING GRINDERS

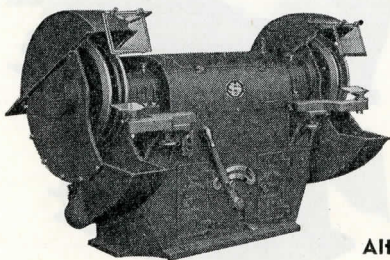
**Gear Drive — Four Speeds
For Vitrified or High Speed Wheels**



MODEL 64 Alternating Current

H.P.	Wheel Size	Bore H.S. Wheel	
3	12"x2"x1 1/4"	1 1/4"	\$500.00
5	14"x3"x1 1/4"	6"	\$540.00
7 1/2	18"x2" or 3"x1 1/2"	10"	\$605.00
7 1/2	20"x2" or 3"x1 1/2"	10"	\$670.00

Above machines equipped for use with High Speed wheels add \$50.00 to above prices.



Machines are furnished for 220, 440 or 550 volts, 25, 30, 40, 50 or 60 cycles, 2 or 3 phase. Other than 50 or 60 cycles increase price 10% net.

MODEL 65 Alternating Current

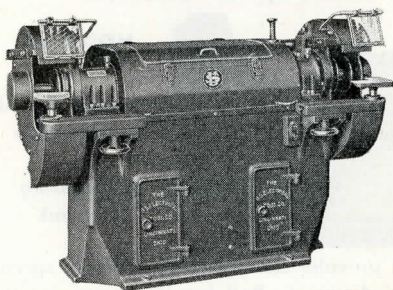
H.P.	Wheel Size	Bore H.S. Wheels	Price Vit.	Price H.S.
7 1/2	18"x3"x2"	10"	\$1100.00	\$1150.00
7 1/2	20"x3"x2"	10"	1140.00	1190.00
10	24"x3"x2 1/2"	12"	1230.00	1330.00
15	30"x3"x3"	12"	1275.00	1375.00

Above grinders equipped with four speed gear drive transmission. Speed change by lever mounted in front of machine. Lever interlocked to prevent over speeding. Electric interlock prevents operation of machine unless gears are in mesh. Grinders built in accordance with Safety Code, American Engineering Standards Committee.



ADJUSTABLE SPEED GRINDERS

For Vitrified or High Speed Wheels

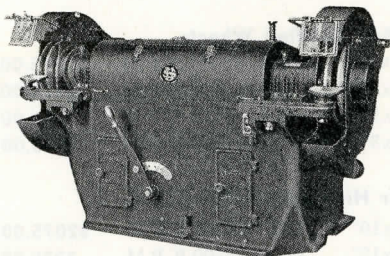


MODEL 66
V-Belt Drive
3 Speeds

Alternating
Current

Belts adjustable to wheel wear. Safety device to prevent over speeding.

H.P.	Wheel Size	Bore H.S. Wheels	Price Vit.	Price H.S.
5	16"x2"x2"	6"	\$825.00	\$ 875.00
7½	18"x3"x2"	10"	875.00	925.00
7½	20"x2"x2"	10"	925.00	975.00
10	24"x3"x2½"	12"	975.00	1025.00



MODEL 67
4 Speed Gear
Drive
Transmission
Alternating
Current

Safety device to prevent over speeding.

30 H.P.

30"x4½"

\$1800.00

Motor totally enclosed. Fan cooled.

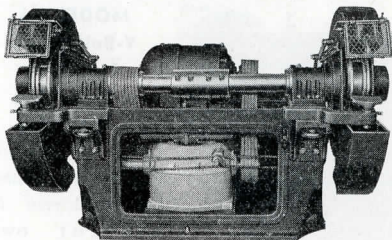
Model 67 Grinder is an extra heavy duty machine designed for the heaviest production grinding where more power is required than on the average production job. Above machines furnished for 220, 440 or 550 volts, 25, 30, 40, 50 and 60 cycles, 2 or 3 phase. Other than 50 or 60 cycles increase price 10% net. Grinders are built in accordance with Safety Code, American Engineering Standards Committee.



UNITED STATES

VARI-SPEED SNAGGING GRINDER

Constant Surface Speed — Belt Drive



MODEL 68

**Variable Speed
Transmission**

**Alternating
Current**

Model 68 Grinder provides constant wheel surface speed, regardless of wheel diameter. Ball bearing motor, totally enclosed, fan-cooled, mounted on hinged platform for belt adjustment.

Four ball bearings on spindle. Split coupling mounted on spindle for quick change of belts. Variable speed transmission mounted on hinged platform for belt adjustment.

For Vitrified Wheels

7½ H.P.	20"x2"x2½"	1075 to 1775 R.P.M.	\$1975.00
10 H.P.	24"x3"x2½"	870 to 1750 R.P.M.	2175.00
15 H.P.	30"x3"x3"	710 to 1400 R.P.M.	2300.00
25 H.P.	30"x4"x3"	710 to 1400 R.P.M.	2885.00

For High Speed Wheels

7½ H.P.	20"x2"x10"	1800 to 2400 R.P.M.	\$2075.00
10 H.P.	24"x3"x12"	1525 to 2400 R.P.M.	2275.00
15 H.P.	30"x3"x12"	1200 to 2400 R.P.M.	2400.00
25 H.P.	30"x4"x12"	1200 to 2400 R.P.M.	2985.00

Furnished for 220, 440 or 550 volts, 25, 30, 40, 50 and 60 cycles, 2 or 3 phase. Other than 50 or 60 cycles increase price 10% net. Grinders are built in accordance with Safety Code, American Engineering Standards Committee.

ELECTRICAL TOOLS

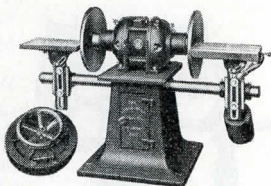
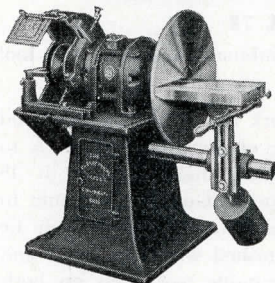


DISC GRINDER

Ball Bearing

MODEL 70

MODEL 80



Double Disc
Grinder

Combination Grinder
and Disc Grinder

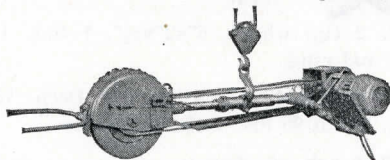
Disc Size	Size Wheel	H.P.	Price A.C.
7"	8x1x5/8	1/2	\$232.00
8"	10x1 1/4 x 7/8	1	286.00
10"	12x2x1 1/8	2	376.00
12"	12x3x1 1/4	3	418.00
14"	14x3x1 1/4	5	522.00
16"	16x2x1 1/2	7 1/2	619.00
18"	18x3x1 1/2	7 1/2	650.00
20"	20x3x1 1/2	7 1/2	696.00

Disc Size	H.P.	Price A.C.
8"	2	\$ 416.00
10"	3	458.00
12"	5	555.00
18"	7 1/2	758.00
20"	10	1010.00
24"	15	1216.00
26"	15	1462.00
30"	20	1862.00

Direct current prices on request.

SWING FRAME GRINDER

For Use with 16", 20", 24" High Speed Wheels



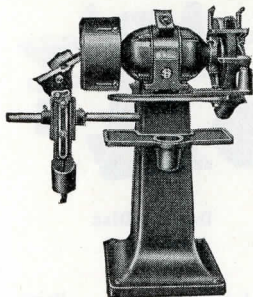
Ball Bearing — Perfect Balance — Perfect Visibility
V-Belt Drive — Two Speeds

Wheel Size	H.P.	Overall Length	Price A.C.
16"x2 1/2"x6"	7 1/2	110 1/2"	\$755.00
20"x2 1/2"x10"	10	134"	880.00
24"x3"x12"	15	134 1/2"	932.00



PRECISION HIGH SPEED TOOL BIT GRINDERS

MODEL 72



Combination grinder and tool bit grinder.

Work rest shown on left hand side of grinder is adjustable to desired angle from 0 to 45 degrees. Guards adjustable to wheel wear. Grinder can be furnished with cup wheel and adjustable work rest on both sides. See price on Double End Grinder.

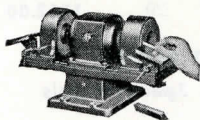
2 H.P.; 1800 R.P.M.; Spindle length 28"; Net weight, 490 lbs.

MODEL 72—Single End (as shown) **\$299.00**

MODEL 72—Double End **351.00**

Complete as shown, including wheels.

MODEL 82



Tool rests adjustable from 0 to 15 degrees, guards adjustable to wheel wear.

Equipment: 2 cup wheels, 6"x2"x1½", 1 fine, 1 coarse; 15 ft. cable and plug.

¼ H.P.; 3450 R.P.M.; 12" High, 11" Deep, 18" long; Net weight, Bench 96 lbs.; Pedestal, 165 lbs.

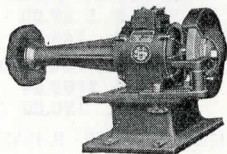
MODEL 82—Bench (as shown) **\$ 89.00**

MODEL 82—Pedestal **107.00**

Prices above machines for alternating current. For other than 50 or 60 cycle, increase price 10% net. D.C. prices on request.



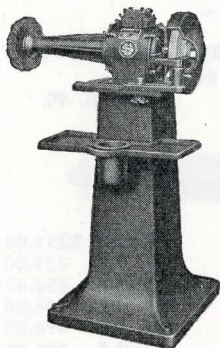
COMBINATION GRINDER AND BUFFER



MODEL 130

Bench type complete as shown with guard. Adjustable tool rest. Grinding wheel furnished on $\frac{1}{2}$ and 1 H.P. sizes.

H.P.	Size of Grinding Wheel	Speed R.P.M.	Net Weight Lbs.	Price
$\frac{1}{2}$	8"x1"x $\frac{5}{8}$ "	3450	80	\$ 90.00
1	10"x1 $\frac{1}{4}$ "x $\frac{7}{8}$ "	1750	165	160.00
2	12"x2"x1 $\frac{1}{8}$ "	1750	240	258.00
3	12"x3"x1 $\frac{1}{4}$ "	1750	260	305.00



MODEL 140

Pedestal type complete as shown with guard, adjustable tool rest, tool tray and water pot. Grinding wheel furnished on $\frac{1}{2}$ and 1 H.P. sizes.

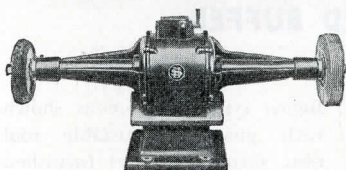
Both models furnished for 110, 220, or 440 volts, 25 to 60 cycles, 1, 2 or 3 phase, A.C. For other than 50 or 60 cycle, increase price 10% net. Single phase, 2 or 3 H.P. 25% net. D.C. prices on request.

H.P.	Size of Grinding Wheel	Speed R.P.M.	Net Weight Lbs.	Price
$\frac{1}{2}$	8"x1"x $\frac{5}{8}$ "	3450	290	\$110.00
1	10"x1 $\frac{1}{4}$ "x $\frac{7}{8}$ "	1750	320	190.00
2	12"x2"x1 $\frac{1}{8}$ "	1750	420	288.00
3	12"x3"x1 $\frac{1}{4}$ "	1750	440	335.00



UNITED STATES

BENCH AND PEDESTAL POLISHER



Ball Bearing

MODEL 83 Bench

1/2 H.P. \$ 89.00

1 H.P. 160.00

MODEL 84 Pedestal

1/2 H.P. \$109.00

1 H.P. 190.00

1/2 H.P., 3450 R.P.M.—1 H.P., 1750 or 3450 R.P.M.
(Specify speed wanted.) A.C. prices shown.

Heavy Duty Buffer and Polisher

With Open Spindle Extension

MODEL 85

2 H.P. \$275.00

10 H.P. \$475.00

3 H.P. 315.00

15 H.P. 575.00

5 H.P. 330.00

20 H.P. 675.00

7 1/2 H.P. 405.00

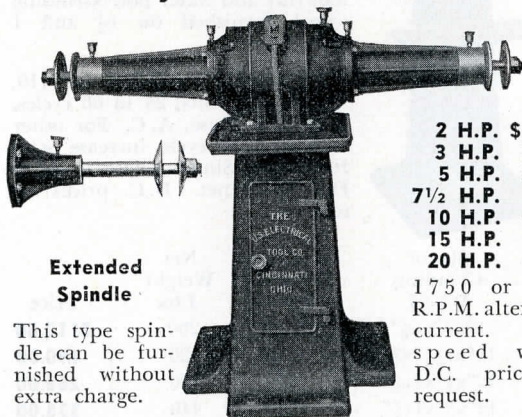
1750 R.P.M. or 3450 R.P.M. alternating current. Specify speed wanted. D.C. prices on request.

Heavy Duty Buffer and Polisher

With Spindle Housing Extension

Ball Bearing

MODEL 90



**Extended
Spindle**

This type spindle can be furnished without extra charge.

2 H.P. \$295.00

3 H.P. 335.00

5 H.P. 350.00

7 1/2 H.P. 425.00

10 H.P. 490.00

15 H.P. 595.00

20 H.P. 695.00

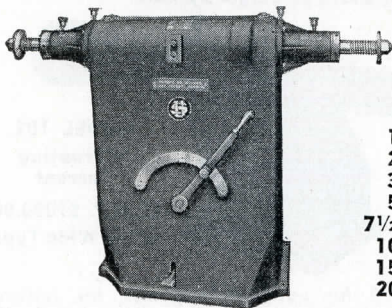
1750 or 3450
R.P.M. alternating
current. Specify
speed wanted.
D.C. prices on
request.

ELECTRICAL TOOLS



MULTI-SPEED BUFFER AND POLISHER

Gear Drive — Ball Bearing



MODEL 95
Alternating
Current

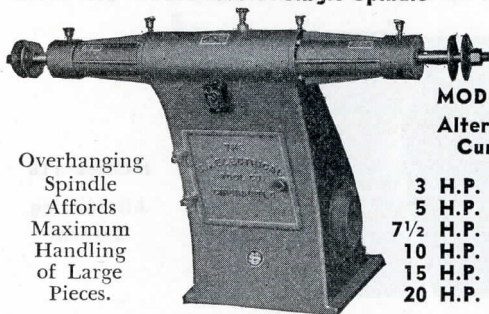
Four Speeds

1 H.P.	\$390.00
2 H.P.	425.00
3 H.P.	450.00
5 H.P.	490.00
7½ H.P.	565.00
10 H.P.	640.00
15 H.P.	745.00
20 H.P.	845.00

Equipped with a 4-speed gear transmission. Standard speeds 2000, 2200, 2500 and 2700 R.P.M. Speeds can be changed by shifting the speed lever mounted on front of machine.

MOTOR-IN-BASE BUFFER AND POLISHER

Belt Drive — Single Spindle



MODEL 100
Alternating
Current

Overhanging
Spindle
Affords
Maximum
Handling
of Large
Pieces.

3 H.P.	\$400.00
5 H.P.	470.00
7½ H.P.	470.00
10 H.P.	520.00
15 H.P.	630.00
20 H.P.	730.00

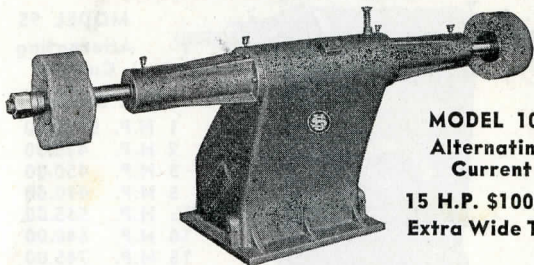
Motor in base is ball bearing and rests on hinged platform with adjusting screw on outside. Four ball bearings on spindle.

Above machines furnished for 220, 440, 550 volt, 25 to 60 cycle, 2 or 3 phase, A.C. For other than 50 or 60 cycle, increase price 10% net.



Motor-in-Base Buffer and Polisher

Belt Drive — Single Spindle



MODEL 102
Alternating
Current

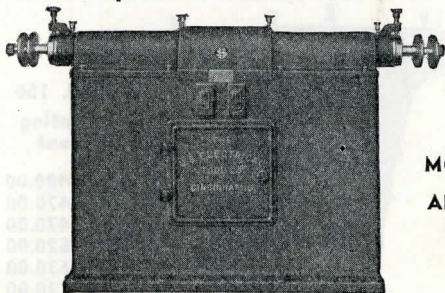
15 H.P. \$1000.00
Extra Wide Type

Especially designed for automobile plants, for buffing and polishing wide fenders, heavy bumpers, any work that requires an extra heavy duty wide type machine. Overall length, 121". Four ball bearings on spindle. Spindle overhangs front of base 8".

Add 10% net for other than 50 or 60 cycle.

Motor-in-Base Buffer and Polisher

Double Spindle — Two Motors in Base — Belt Drive



MODEL 110
Alternating
Current

6 H.P. (Two 3 H.P. Motors)	\$610.00
10 H.P. (Two 5 H.P. Motors)	650.00
15 H.P. (Two 7½ H.P. Motors).....	700.00
20 H.P. (Two 10 H.P. Motors)	800.00

Add 20% net for other than 50 or 60 cycle. Specify speed wanted on each spindle.